

BELLCOMM, INC.

SUBJECT: Attendance at Launch Operations  
Panel Meeting at KSC, March 29,  
1966 - Case 330

DATE: March 31, 1966

FROM: C. Bidgood

ABSTRACT

The Launch Operations Panel Meeting at KSC, held on March 29, 1966, was devoted largely to a review of ICD and IRN status. Results will be reported at the Panel Review Board Meeting scheduled for April 18, 1966.

A large number of IRN's have been generated, resulting principally from a closer examination of operational requirements on spacecraft GSE interfaces.

Significant unresolved problems involve further definition of spacecraft GSE environmental requirements on the launch pads and further resolution of the requirements for transmitting RF emanations from the spacecraft to the MSOB while the spacecraft is on the launch vehicle in the VAB.

(NASA-CR-158282) ATTENDANCE AT LAUNCH  
OPERATIONS PANEL MEETING AT KSC, 29 MARCH  
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FACILITY \_\_\_\_\_ (CATEGORY) \_\_\_\_\_  
(NASA CR OR TMX OR AD NUMBER)



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MEMORANDUM FOR FILE

The panel meeting was chaired by the permanent chairman, R. A. Petrone, KSC.

The agenda for the meeting is attached.

A summary review of LC's 34, 37 and 39 ICD status was presented by the panel secretary, W. J. Wagner, KSC. For all cases, the record of ICD's completed and released nearly approached the number identified. In the case of LC 39, the numbers coincided; however, the author questioned the necessity of an ICD between MSFC and KSC covering the interface between the LUT and the damper arm being developed to protect the space vehicle against vortex shedding effects. This interface was recognized as valid and the chairman directed that it be assigned an identification number and included in the reporting system.

A review of the Spacecraft GSE to Launch Complex interface compatibility review activities was presented. Since October 1, 1965, 117 IRN's have been processed. Final acceptance on approximately 65 of these IRN's is still pending until a realistic assessment of cost and schedule impact has been determined. It was indicated that most of these should be evaluated in sufficient time to report their impact at the next PRB review on April 18. Significant outstanding problems exist in two areas: (1) a complete definition of spacecraft GSE environmental requirements has not been established; consequently, the means for providing this environment has not been determined nor the schedule and cost impact, and (2) the requirement for parasitic antenna in the VAB for conducting electromagnetic compatibility tests prior to going to the launch pad remains unresolved. An analysis of the cost and schedule impact versus the operational risk of delaying these tests operationally until the space vehicle is at the launch pad is underway.

A review of open action items revealed that the two problems mentioned above are the only significant problems identified at this time and which are resulting in open technical actions.

A review of the procedures for interface change control and the interaction between the LOP and the CCB's at the three centers indicated that the procedures are working quite effectively.

The MSC representative was requested to review the necessity for GSE purging on the launch complex to insure that those equipments which had been identified as launch complex environment compatible would in fact not require some purging protection.

A joint action was assigned to MSC, PPR-5 and the F&C subpanel to expedite action on cleaning up the cable-cable tray systems.

MSC was assigned an action to insure that, along with the provision of SLA work platforms, protective netting was provided to prevent dropping tools or other objects into the IU.

2032-CB-pdm

*C. Bidgood*  
C. Bidgood

Attachment

Copy to

Messrs. P. J. Bayer - NASA/MAO  
R. V. Murad - NASA/MAT  
S. Winn - NASA/MAP

J. A. Hornbeck  
B. T. Howard  
J. Z. Menard  
C. R. Moster  
I. D. Nehama  
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T. H. Thompson  
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UNITED STATES GOVERNMENT

# Memorandum

TO : Distribution

DATE: March 17, 1966

FROM : Secretary, Launch Operations Panel, PPR

SUBJECT: Apollo/Saturn Launch Operations Panel Meeting

1. The ninth meeting of the Launch Operations Panel is scheduled for Tuesday, March 29, 1966 at the Kennedy Space Center (KSC Headquarters Building, Room 2201, 9:00 A. M.).
2. The agenda follows:
  - a. ICD Status Report, (LC 34, 37, 39).
  - b. Summary Report, Spacecraft GSE to Launch Complex Interface Compatibility Review.
  - c. Open Action Item Status Report, (see Final Documentation, LOP Meeting No. 8).
  - d. Progress Report, Interface Change Control, (KSC/MSFC, KSC/MS).
  - e. Other business.
3. Attendance is limited to panel membership, sub-panel chairmen, co-chairmen and specific invitees required to conduct the business of the meeting. Planned attendance and any desired additions or changes to the agenda should be telephoned to the Panel Secretary, 867-2969.

  
W. J. Wagner



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